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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/715,902	11/17/2003	William S. Kroll	INTC,005	5664

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EXAMINER

NGUYEN, KIMNHUNG T

ART UNIT PAPER NUMBER

2629

DATE MAILED: 05/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/715,902

Applicant(s)

KROLL, WILLIAM S.

Examiner

Kimnhung Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

### DETAILED ACTION

This application has been examined. The claims 1-4 are pending. The examination results are as following.

#### *Specification*

1. In the specification page 7, line 6, the words "Housing 32" should change to --Housing 16--. Appropriate correction is required.

#### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1, 3 are rejected under 35 U.S.C. 102(e) as being anticipated by Cohen et al. (US 6,507,351).

As to claim 1, Cohen et al. discloses in figs. 1-2, 4 and 15, an integrated computer and kiosk (10) comprising:

a base (stationary base 58);

a back plate (heat dissipating plate 470) mounted to the base (58, fig. 2);

one more computer components selected from the group consisting of a motherboard (22), hard drive (72), or power supply (270, fig. 6), said one computer components (22)

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being mounted in direct contact with said back plate (470, because the main controller board 22 is housed in a thermally conductive housing 430, and the housing 430 mounted to the back plate 470, thus the main controller board 22 mounted in direct with the back plate 470, see col. 10, lines 66-67), said back plate functioning as a sink for dissipating heat produced by said computer component (see col. 11, lines 14-31, col. 12, lines 22-28);

a touchscreen (20, fig. 5) mounted to said back plate (470, because the touch screen 20 is in the front and connected to the back of the system by back plate 470) with said one computer components such as power supply (270) between said touchscreen and said back plate (470),

and a housing (430) mounted to said back plate (470, we considered when the housing is folded and connected to back plate 470 and become an unit system, therefore, the system having a housing mounted to the back plate) for enclosing said computer components and said touchscreen (see col. 11, lines 2-13 and col. 11, lines 48-58).

As to claim 3, Cohen et al. discloses an integrated computer and kiosk (10) as discussed above, furthermore Cohen et al. discloses that, wherein the touchscreen (20) is mounted to the back plate (470) on a plurality of standoffs (fastening surfaces 450, 452, 454, see figs. 5, 7, because mounting plate 554 is provided to secure the thermally conductive housing 430 to the display monitor 20, the housing 430 including a heat transfer structure 432 and cooperates with a number of side-walls 438, 440, 442 to define an opening 446 through a number of components contained within the housing 430 and each of sidewall 438, 440 and 442 has fastening surfaces 450, 452, 454, thus the standoffs are fastening surfaces to contain and transfer the heat from back plate 470 to the touch screen 20, see col. 11, lines 2-13, and lines 48-58).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Cohen et al. (US 6,507,352) in view of Durso (US 2005/0073504).

As to claim 2, Cohen et al. discloses further, the integrated kiosk of claim 1, wherein the housing is mounted to the back plate as discussed in claim 1. However, Cohen et al. does not disclose that the housing is mounted on hinges.

Durso discloses in fig. 1 and 5, a slipcover touch input apparatus (20) comprising a housing (casing 45) is mounted on hinges (see two hinges and the stand is pivoted and can be swung out to form the angle, see 0050, see fig. 5).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the touch input apparatus comprising a housing is mounted on hinges as taught by Durso into the integrated computer and kiosk of Cohen et al. having the housing is mounted to the back plate for producing the claimed invention because this would provide to the user the opening and closing position of the display screen, adjusting to a variety of different positions and thus for allowing the optimal viewing angle of the touch screen and the display (see Durso, see 0050-0051).

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6. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Cohen et al. (US 6,507,352) in view of Borucki (US 5,332,238).

Cohen et al. discloses an integrated computer and kiosk (10) as discussed in claim 1 above.

However, Cohen et al. does not disclose additionally comprising a gasket for sealing between the touchscreen and the housing.

Borucki discloses in figs. 1, 5, a touchscreen system (10) having a gasket (strips to provide liquid tight joints, see col. 7, lines 65-68) for sealing (seal 32, see col. 7, lines 49-57) between touchscreen surface and touch screen housing (see abstract).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the strips to seal between touchscreen surface and touchscreen housing as taught by Borucki into the system integrated computer and kiosk of Cohen et al. for producing the claimed invention because this would provide to the user a liquid impermeable seal between the touchscreen surface and touch screen housing and thus to protect the electronic components of the touchscreen (see Borucki, see abstract).

### *Correspondence*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number is (571) 272-7698. The examiner can normally be reached on MON-FRI, FROM 8:30 AM-5:30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe can be reached on (571) 272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kimnhung Nguyen

Patent Examiner

May 9, 2006